

DAE

| TRANSMITTAL LETTER | | | Case No. 10022/26 |
|--|---------------------------------|--------------------------------|------------------------|
| Serial No. 09/710,155 | Filing Date November 9, 2001 | Examiner Not Yet Determined | Group Art Unit 2131 |
| Inventor(s) Cornelius et al. | | | |
| Title of Invention ELECTRONIC SECURITY SYSTEM AND SCHEME FOR A COMMUNICATIONS NETWORK | | | |

TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is a Petition Under 37 CFR 1.47(a) in duplicate (including a four month extension of time); Declaration of Facts Under 37 CFR 1.47(a) (including Assignment (Exhibit A); April 19, 2001 letter to Matthew C. Klug (Exhibit B); Declaration (Exhibit C); Federal Express shipping report (Exhibit D)); Copy of Notice to File Missing Parts of Nonprovisional Application; check for \$1650.

- Small entity status of this application under 37 CFR § 1.27 has been established by verified statement previously submitted.
- A verified statement to establish small entity status under 37 CFR §§ 1.9 and 1.27 is enclosed.
- Petition for a _____ month extension of time.
- No additional fee is required.
- The fee has been calculated as shown below:

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JUL 13 2001

OFFICE OF PETITIONS
DEPUTY A/C PATENTS

| | Claims Remaining After Amendment | | Highest No. Previously Paid For | Present Extra |
|---|----------------------------------|-------|---------------------------------|---------------|
| Total | | Minus | | |
| Indep. | | Minus | | |
| First Presentation of Multiple Dep. Claim | | | | |

| Small Entity | | Other Than Small Entity | |
|-----------------|-----------|-------------------------|-----------|
| Rate | Add'l Fee | Rate | Add'l Fee |
| x \$9 = | | x \$18 = | |
| x 40 = | | x \$80 = | |
| + \$135 = | | + \$270 = | |
| Total add'l fee | \$ | Total add'l fee | \$ |

- Please charge Deposit Account No. 23-1925 (BRINKS HOFER GILSON & LIONE) in the amount of \$_____. A duplicate copy of this sheet is enclosed.
- A check in the amount of \$_____ to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
- I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.

Respectfully submitted,


 Darin E. Bartholomew
 Registration No. 36,444
 Attorney for Applicant

BRINKS HOFER GILSON & LIONE
 P.O. BOX 10395
 CHICAGO, ILLINOIS 60610
 (312) 321-4200

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on July 9, 2001.

Date: July 9, 2001 Signature: 

rev. Dec.-00



UNITED STATES PATENT AND TRADEMARK OFFICE

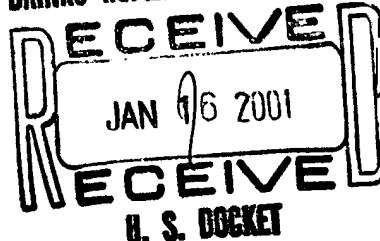
COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 09/710,155 | 11/09/2000 | Shawn Cornelius | 10022/26 |

BRINKS HOFER GILSON & LIONE

CONFIRMATION NO. 4581

BRINKS HOFER GILSON & LIONE
P.O. BOX 10395
CHICAGO, IL 60610



FORMALITIES LETTER



Date Mailed: 01/09/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

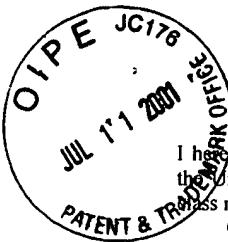
- The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



443

I hereby certify that this correspondence is being deposited with the United States Postal Service, with sufficient postage, as first class mail in an envelope addressed to:
Commissioner for Patents Washington, D.C. 20231 on:
July 9, 2001

Date of Deposit

Darin E. Bartholomew, Reg. No. 36,444

Name of applicant, assignee or
Registered Representative

Signature
July 9, 2001

Date of Signature

Our Case No. 10022/26

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):

Cornelius et. al.

Serial No.: 09/710,155

Filing Date: November 9, 2000

Title: ELECTRONIC SECURITY
SYSTEM AND SCHEME FOR A
COMMUNICATIONS NETWORK

Examiner: Not Yet Determined

Group Art Unit No.: 2131

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JUL 13 2001

OFFICE OF PETITIONS
DEPUTY A/C PATENTS

Assistant Commissioner for Patents
Washington, D.C. 20231

PETITION UNDER 37 C.F.R. § 1.47(a)

Dear Sir:

In reply to the Notice to File Missing Parts, dated January 9, 2001, the signing Applicants hereby petition to extend the period of response for four months from March 9, 2001 to July 9, 2001 under 37 C.F.R. 1.136. The applicable fee of \$ 1,390 under 1.17(a)(4) is enclosed. Further, signing Applicants have enclosed the surcharge fee of \$ 130 under 37 C.F.R. 1.16(e) for submission of the enclosed Declaration of the Patent Application.

07/13/2001 GTEFFERA 00000002 09710155

07/13/2001 GTEFFERA 00000001 09710155

01 FC:118

1390.00 0P

01 FC:122

130.00 0P

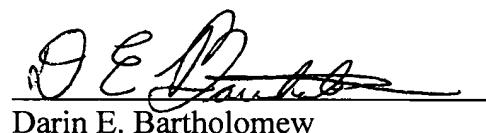
The enclosed Declaration for the above patent application was not signed by one listed inventor, Matthew C. Klug, even though we requested him to do so. Accordingly, pursuant to 37 C.F.R. 1.47(a) the signing Applicants hereby petition for the acceptance of the enclosed Declaration as if it were fully executed by all of the inventors set forth thereon. This petition is accompanied by a Declaration of Facts under 37 C.F.R. 1.47(a) and the applicable petition fee of \$ 130 under 37 C.F.R. 1.17(i).

The enclosed Declaration of Facts under 37 C.F.R. 1.47(a) sets forth pertinent facts demonstrating a diligent effort to provide the nonsigning inventor with the application, cover letter of instructions, the Declaration and Assignment. Further, the enclosed Declaration of Facts under 37 C.F.R. 1.47(a) sets forth pertinent facts on the nonsigning inventor's failure to execute the Declaration for the patent application. The rules of the Patent and Trademark Office, embodied in 37 C.F.R. 1.47, facilitate the continued prosecution of a patent application, despite the failure of an inventor to sign a Declaration, particularly where the inventor is no longer employed by the owner of the patent application. *Bausch & Lomb, Inc. v. Barnes-Hind/Hydrocurve, Inc.*, 230 U.S. P.Q. 416, 418 (CAFC 1986).

The Commissioner is hereby authorized to charge payment of any additional fees which are required or credit any overpayment made to Account No. 23-1925. A duplicate copy of this Petition is enclosed.

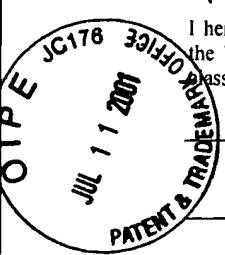
If there are any questions, please contact Darin E. Bartholomew at 312-321-4240.

Dated: July 9, 2001



Darin E. Bartholomew

BRINKS, HOFER, GILSON & LIONE
P.O. BOX 10395
CHICAGO, ILLINOIS 60610
(312) 321-4200



I hereby certify that this correspondence is being deposited with the United States Postal Service, with sufficient postage, as first class mail in an envelope addressed to:
Commissioner for Patents Washington, D.C. 20231 on:

July 9, 2001

Date of Deposit

Darin E. Bartholomew, Reg. No. 36,444

Name of applicant, assignee or
Registered Representative

Signature

July 9, 2001

Date of Signature

Our Case No. 10022/26

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):

Cornelius et. al.

Examiner: Not Yet Determined

Serial No.: 09/710,155

Group Art Unit No.: 2131

Filing Date: November 9, 2000

Title: ELECTRONIC SECURITY SYSTEM
AND SCHEME FOR A
COMMUNICATIONS NETWORK

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

DECLARATION OF FACTS UNDER 37 C.F.R. § 1.47(a)

I, Darin E. Bartholomew, a patent agent/attorney for Accenture, LLP (which is an assignee of the above-noted application as set forth in the Assignment of Exhibit A) hereby declare the following:

- 1) On April 19, 2001, I sent a letter (Exhibit B), a copy of the above patent application, a Declaration (Exhibit C) For Patent Application, and an Assignment (Exhibit A) to Matthew C. Klug, a listed inventor, at his Hudson, Ohio home address via FedEx shipping service. A copy of the letter and Declaration for Patent Application are attached hereto as Exhibit B and Exhibit C, respectively.

- 2) The letter (Exhibit B), dated April 19, 2001, asked Matthew Klug to keep the above patent application confidential, to review the above patent application, and to sign the enclosed Declaration (Exhibit C) for Patent Application and Assignment (Exhibit A) by April 30, 2001.
- 3) On April 20, 2001 at 10:29 A.M., the letter (Exhibit B) was delivered to Matthew Klug in Hudson, Ohio and he acknowledged receiving the letter (Exhibit B) and the above-referenced attachments (including Exhibit A and Exhibit C), which were assigned FedEx tracking number 464561706910, according to the shipment tracking report of FedEx shipping service. A copy of the FedEx shipment tracking report is attached hereto as Exhibit D.
- 4) According to records of Accenture, LLP, Matthew Klug worked at Accenture LLP (formerly Andersen Consulting LLP) from July, 1998 to January, 2000.
- 5) Matthew Klug has had the above application, Declaration for Patent Application (Exhibit C), and Assignment (Exhibit A) from at least April 20, 2001 until present, a period of approximately 80 days. To the best of my knowledge, Matthew Klug has not executed either the declaration or the assignment as of the date of this declaration of facts.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Declared in Chicago, Illinois this July 9, 2001.

Dated: July 9, 2001



Darin E. Bartholomew

BRINKS, HOFER, GILSON & LIONE
P.O. BOX 10395
CHICAGO, ILLINOIS 60610
(312) 321-4200

Docket No. 10022/26
Docket No. 10022/51

ASSIGNMENT

WHEREAS, Shawn Cornelius, Clifford Donoughe, Arnold Z. Huffman, Matthew C. Klug, Richard R. Krahn, Eric C. Su, and Michael S. Sweeney, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled ELECTRONIC SECURITY SYSTEM AND SCHEME FOR A COMMUNICATIONS NETWORK executed by Assignors, filed in the U.S. Patent Office on November 9, 2000, and assigned U.S. Patent Application Serial No. 09/710,155 (Docket No. 10022/26) and PCT Application No. PCT/US 00/42075 (Docket No. 10022/51);

WHEREAS, Accenture LLP, a limited liability partnership organized and existing under the laws of the State of Illinois, having a place of business at 100 S. Wacker Dr., Chicago, Illinois 60603, hereinafter called the "Assignee", desires to acquire the Assignors' entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the Assignors' entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the Assignors' entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the Assignors' entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent

applications that the Assignee may elect to make covering the invention identified above; investing in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED:

3/19/01

SC CR

Shawn Cornelius

DATED:

4/12/01

Clifford Donoughe

Clifford Donoughe

DATED:

3/19/01

Arnold Z. Huffman

DATED:

4/16/01

Matthew C. Klug

Richard R. Krahn

Richard R. Krahn

DATED:

Eric C. Su

DATED:

3/19/01

Michael S. Sweeney

Michael S. Sweeney

STATE OF)
)
) ss.
COUNTY OF)

I, Wm R Murphy Jr, a Notary Public in and for the County and State aforesaid, do hereby certify that Shawn Cornelius, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 19th day of March, 2001.

William R Murphy Jr
Notary Public

(SEAL)

My Commission Expires: _____
WILLIAM R. MURPHY, JR.
Notary Public, State of Ohio
Recorded in Lake County
My Comm. Expires 12-15-07

STATE OF)
)
) ss.
COUNTY OF)

I, Wm R Murphy Jr, a Notary Public in and for the County and State aforesaid, do hereby certify that Clifford Donoughe, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

12th day of April, 2001.

William R Murphy Jr
Notary Public

(SEAL)

My Commission Expires: WILLIAM R. MURPHY, JR.
Notary Public, State of Ohio
Recorded in Lake County
My Comm. Expires 12-15-02

STATE OF)
)
) ss.
COUNTY OF)

I, Wm R Murphy Jr, a Notary Public in and for the County and State aforesaid, do hereby certify that Arnold Z. Huffman, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

19th IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of March, 2001.

William R Murphy Jr
Notary Public

(SEAL)

My Commission Expires: WILLIAM R. MURPHY, JR.
Notary Public, State of Ohio
Recorded in Lake County
My Comm. Expires 12-15-02

STATE OF)
)
COUNTY OF)

I, _____, a Notary Public in and for the County and State aforesaid, do hereby certify that Matthew C. Klug, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this
____ day of _____, 2001.

Notary Public

(SEAL)

My Commission Expires: _____

STATE OF)
)
) ss.
COUNTY OF)

I, Wm R Murphy Jr, a Notary Public in and for the County and State aforesaid, do hereby certify that Richard R. Krahn, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

16th IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of Apr. 1, 2001.

William R Murphy Jr
Notary Public

(SEAL)

My Commission Expires: WILLIAM R. MURPHY, JR.
Notary Public, State of Ohio
Recorded in Lake County
Av Comm. Expires 12-15-02

STATE OF)
)
) ss.
COUNTY OF)

I, _____, a Notary Public in and for the County and State aforesaid, do hereby certify that Eric C. Su, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this
____ day of _____, 2001.

Notary Public

(SEAL)

My Commission Expires: _____

STATE OF)
) ss.
COUNTY OF)

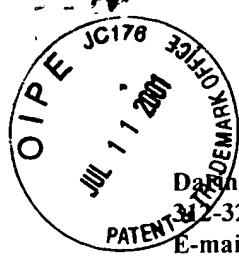
I, Wm R Murphy Jr, a Notary Public in and for the County and State aforesaid, do hereby certify that Michael S. Sweeney, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this
19th day of March, 2001.

William R Murphy Jr
Notary Public

(SEAL)

My Commission Expires: WILLIAM R. MURPHY, JR.
Notary Public, State of Ohio
Recorded in Lake County
My Comm. Expires 12-15-03



Darin E. Bartholomew
312-321-4240
E-mail dbartholomew@brinkshofer.com

**BRINKS
HOFER
GILSON
& LIONE**

A PROFESSIONAL CORPORATION
INTELLECTUAL PROPERTY ATTORNEYS

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455 N. CITYFRONT PLAZA DRIVE
CHICAGO, ILLINOIS 60611-5599
www.brinkshofer.com
FAX 312-321-4299
TELEPHONE 312-321-4200

SAN JOSE, CA
INDIANAPOLIS, IN
ANN ARBOR, MI
ARLINGTON, VA

April 19, 2001

Via Federal Express

Mr. Matthew C. Klug
6580 Dunbarton Drive
Hudson, Ohio 44236

**Re: ELECTRONIC SECURITY SYSTEM AND SCHEME
FOR A COMMUNICATIONS NETWORK
Our Case No. 10022/26**

Dear Matt:

We have enclosed a copy of the above-identified application, along with a declaration. Please review the application and mail the signed declaration to my attention at the above address no later than April 30, 2001.

The enclosed materials, including the patent application, entitled Electronic Security System and Scheme for a Communications Network, are confidential information or trade secrets of Accenture LLP and must not be disclosed to anyone without the express written permission of Accenture LLP pursuant to the terms of your previous employment with Accenture LLP (formerly Anderson Consulting LLP).

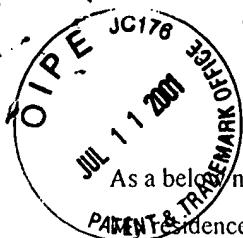
We have enclosed a self-addressed stamped envelope for your convenience.

If you have any questions, please call 312-321-4240.

Very truly yours,

Darin E. Bartholomew

DBA:svb
Enclosures



DECLARATION FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

PATENTS & TRADEMARK OFFICE, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled ELECTRONIC SECURITY SYSTEM AND SCHEME FOR A COMMUNICATIONS NETWORK, the specification of which:

- is attached hereto.
 was filed on November 9, 2000 as Application Serial No. 09/710,155.
 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

| | | |
|----------|--------------------------|-------------------------------------|
| N/A | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| (Number) | (Country) | (Day/Month/Year Filed) |

Yes No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

| | |
|--------------------------|---------------|
| N/A | |
| (Application Serial No.) | (Filing Date) |

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

| | | |
|--------------------------|---------------|---------------------------------------|
| N/A | | None |
| (Application Serial No.) | (Filing Date) | (Status-patented, pending, abandoned) |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's Signature

Date:

3/19/01

Full name of sole or first inventor

Shawn S. Cornelius

Residence

Strongsville, Ohio

Citizenship

U.S.

Post Office Address

21835 Jonathan Drive, Strongsville, Ohio 44149

BRINKS HOFER GILSON & LIONE

P.O. Box 10395

Chicago, IL 60610

(312) 321-4200

Inventor's Signature

Full name of second joint inventor, if any

Residence

Citizenship

Post Office Address

Clifford Donoughe

Date: 4/12/01

Inventor's Signature

Full name of second joint inventor, if any

Residence

Citizenship

Post Office Address

A.J. Huy

Date: 3/19/01

Inventor's Signature

Full name of second joint inventor, if any

Residence

Citizenship

Post Office Address

Matthew C. Klug

Date:

*Hudson, Ohio**U.S.**6580 Dunbarton Drive, Hudson, Ohio 44236**Richard Krahn*

Date: 4/16/01

Inventor's Signature

Full name of second joint inventor, if any

Residence

Citizenship

Post Office Address

*Richard R. Krahn**North Lake Elmo, Minnesota**U.S.**5170 Jerome Avenue, North Lake Elmo, Minnesota 55042*

Inventor's Signature

Full name of second joint inventor, if any

Residence

Citizenship

Post Office Address

Mohan Kurup

Date: 4/13/01

*Shaker Heights, Ohio**U.S.**3610 ToHand Road, Shaker Heights, Ohio 44122**Edward Madden*

Date: 4/17/01

Inventor's Signature

Full name of second joint inventor, if any

Residence

Citizenship

Post Office Address

*Edward Madden**Oakwood Village, Ohio**U.S.**6130 Robertdale Road, Oakwood Village, Ohio 44146**David E. Sabaka*

Date: 3/26/01

Inventor's Signature

Full name of second joint inventor, if any

Residence

Citizenship

Post Office Address

*David E. Sabaka**North Canton, Ohio**U.S.**2720 Sutherland Circle NW, North Canton, Ohio 44720**Eric C. Su*

Date: 4/22/01

Inventor's Signature

Full name of second joint inventor, if any

Residence

Citizenship

Post Office Address

*Foster City, California**U.S.**311 Chesapeake Avenue, Foster City, California 94404**Michael S. Sweeney*

Date: 3/19/01

Inventor's Signature

Full name of second joint inventor, if any

Residence

Citizenship

Post Office Address

*Michael S. Sweeney**Parma Heights, Ohio**U.S.**11460 Apache Drive, #204, Parma Heights, Ohio 44130*